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2 **ABSTRACT**

3 In an exemplary device implementation, a device includes: a connection
4 migrator that is configured to migrate connections away from the device; the
5 connection migrator capable of precipitating a compilation of protocol state for a
6 connection across a protocol stack; the connection migrator adapted to aggregate
7 the compiled protocol state with data for the connection into an aggregated
8 connection state; the connection migrator further capable of causing the
9 aggregated connection state to be sent toward a target device. In an exemplary
10 media implementation, processor-executable instructions direct a device to
11 perform actions including: obtaining at least a portion of a source/destination pair
12 from a packet; accessing an encapsulation mapping table using the at least a
13 portion of the source/destination pair to locate an encapsulation mapping entry;
14 extracting a flow identifier from the encapsulation mapping entry; and replacing
15 part of the packet with the flow identifier to produce an encapsulated packet.

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